



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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ABANDONED MINES
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LAND QUALITY
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February 19, 2004

Dolly Potter, Environmental Engineer
Solvay Minerals
P.O. Box 1167
Green River, WY 82935

**RE: Solvay Minerals Green River Soda Ash Plant
Stack Test Review**

Dear Ms. Potter:

The Division has reviewed the stack test reports submitted by Solvay Minerals by letter dated January 27, 2004. The test reports were received by the Division January 29, 2004. Evergreen Air Services Inc. was contracted by Solvay to conduct NOx emission tests on the "A" & "B" Calciners (Source ID#17). Sampling was conducted on November 18, 2003. Annual NOx emission tests are required by Operating Permit 30-126 condition F10(a). Methods 1-4 and 7E were utilized to determine NOx emissions.

A review of the test data indicates the "A" & "B" Calciners to be operating in compliance with the NOx emission limit set by Operating Permit 30-126. Operating Permit 30-126 limits NOx emissions from the calciner to 30.00 lb/hr. The test data shows the calciners tested at an average for three test runs at 23.8 lb/hr NOx, 79.3% of its allowable. The testing was performed at an average load of 75.9%. This percent load represents normal operation.

The Division will accept these tests as representative of NOx emissions at the time of testing from this source. A summary of the analysis is attached.

Please call me at 307-332-6755 if you have questions concerning this matter.

Sincerely,

Carl Disel
Air Quality Engineer
Air Quality Division

SOLVAY2016_1.3_001323

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
STACK TEST SUMMARY REPORT
SOLVAY MINERALS GREEN RIVER SODA ASH PLANT
(17) "A" AND "B" CALCINERS (EP1&2)

SOLVAY2016_1.3_001324